

#24/I.D.S
Sheet 1 of 1

Form PTO-1449 JUL 29 2003

ATTY DOCKET NO. 02-03	SERIAL NO. 09/438,365	FILING DATE November 12, 1999
APPLICANT Chu		GROUP 1635

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U.S. PATENT DOCUMENTS

Exmr. Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
BDD	6,399,663	06/04/02	Haces et al.	514	642	
	6,020,202	02/01/00	Jessee	435	458	
	5,834,439	11/10/98	Haces et al.	514	42	
	5,736,392	04/07/98	Hawley-Nelson	435	320.1	
	5,674,908	10/07/97	Haces et al.	514	642	
	5,635,487	06/03/97	Wolff et al.	514	44	
	3,369,905	02/20/68	Jones et al.	96	107	
	3,324,182	06/06/67	De Brunner et al.	260	583	
	2,654,785	10/06/53	Miescher, K. et al.	260	567.6	
	2003-0069173	04/10/03	Hawley-Nelson	514	8	
	2002-0086849	07/04/02	Gebeyehu et al.	514	44	

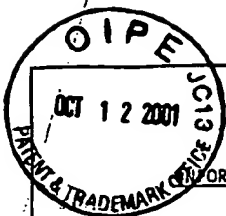
FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation Yes/No
BDD	WO 02/34879	05/02/02	PCT	C12N 15/88		
	WO 00/12454	03/09/00	PCT	C07C 19/00		
	WO 00/58488	10/05/00	PCT	C12N 15/87		
	WO 98/19709	05/14/98	PCT	A61K 47/48		
	WO 97/42819	11/20/97	PCT	A01N 37/18		
	WO 96/40961	12/19/96	PCT	C12N 15/88		
	WO 94/27435	12/08/94	PCT	A01N 25/26		
	WO 93/14778	08/05/93	PCT	A61K 37/00		
	WO 93/05162	03/18/93	PCT	C12N 15/63		

OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, etc.)

BDD		Felgner et al. (1993) Keystone Symposium on Genetic Targeted Research and Therapeutics: Antisense and Gene Therapy, Keystone, CO; J. Cell. Biochem. Suppl. 0(17 Part E), p. 206, S306
		Gao, X. and Huang, L. (1993), "Cationic Liposomes and Polymers for Gene Transfer," J. Liposome Res. 3(1):17-30

EXAMINER	DATE CONSIDERED 4/25/05
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.4650001/RWE/THNAPPLICATION NO.
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CHU et al.FILING DATE
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1635

U.S. PATENT DOCUMENTS

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
Bjo	AL3	WO 95/17373	06/29/1995	WIPO			Yes No
Dob	AM3	WO 98/19709	05/14/1998	WIPO			Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
	AS		
	AT		

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Janet L. Eggers

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12-17-01

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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

NEW TRANSFECTION REAGENTS

Application Number : 09/438365



Confirmation Number: 9217

First Named Applicant: Yongliang Chu

Attorney Docket Number: 61-03

Art Unit: 1635

Examiner: Janet Epps Ford

Search string: (5527928 or 5744625 or 5824812 or 5869715 or 5892071 or 5925623 or 5977084 or 6333433 or 6346516 or 6503945 or 6541649 or 6733777 or 20020062044 or 20020086849).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
8-20	1	5527928	1996-06-18	Nantz			
	2	5744625	1998-04-28	Nantz			
	3	5824812	1998-10-20	Nantz			
	4	5869715	1999-02-09	Nantz			
	5	5892071	1999-04-06	Nantz			
	6	5925623	1999-07-20	Nantz			
	7	5977084	1999-11-02	Szoka			
	8	6333433	2001-12-25	Banerjee			
	9	6346516	2002-02-12	Banerjee			
	10	6503945	2003-01-07	Banerjee			
	11	6541649	2002-04-01	Banerjee			
	12	6733777	2004-05-11	Erbacher			

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications


init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
8-20	1	20020062044	2002-05-23	Banerjee			
	2	20020086849	2002-07-04	Gebeyehu			

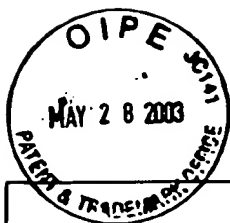
Remarks

Note: Remarks are not for responding to an office action.

This electronic submission is accompanied by a paper submission of non-US patent documents which is submitted by express mail

Signature

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	4/25/05

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
BJD I	AN3	AU 158,967	02/07/1952	Australia			Yes No
	AO3	GB 892,413	03/28/1962	Great Britain			Yes No
	AP3	EP 0 187 702 B1	07/16/1986	Europe			Yes No

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	AR		
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BJD	AT	6	Albarella, J.P. et al., "Monoadduct forming photochemical reagents for labeling nucleic acids for hybridization," Chemical Abstracts 111:385-386, Abstract No. 130176h, American Chemical Society (1989)

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Bjo	AL4	WO 87/02061 A1	04/09/1987	WIPO			Yes No
	AM4	WO 90/09786 A1	09/07/1990	WIPO			Yes No
	AN4	EP 0 304 111 B1	10/16/1991	Europe			Yes No X
	AO4	WO 91/04668 A1	04/18/1991	WIPO			Yes No X
	AP4	WO 91/04753 A1	04/18/1991	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

Bjo	AR	2	Aumailley, M., et al., "Cell Attachment Properties of Collagen Type VI and Arg-Gly-Asp Dependent Binding to its $\alpha 2(VI)$ and $\alpha 3(VI)$ Chains," <i>Exp. Cell Res.</i> 181:463-474, Academic Press, Inc. (1989)
	AS	2	Barthel, F., et al., "Laboratory Methods: Gene Transfer Optimization with Lipospermine-Coated DNA," <i>DNA Cell Biol.</i> 12:553-560, Mary Ann Liebert, Inc. (1993)
	AT	2	Behr, J-P., "Synthetic Gene-Transfer Vectors," <i>Acc. Chem. Res.</i> 26:274-278, American Chemical Society (1993)

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
B70	AL5	WO 91/08191 A1	06/13/1991	WIPO			Yes No
	AM5	WO 91/07947 A1	06/13/1991	WIPO			Yes No
	AN5	DD 290 877 A5	06/13/1991	Germany			Yes No X
	AO5	WO 91/15501 A1	10/17/1991	WIPO			Yes No
I	AP5	WO 91/16024 A1	10/31/1991	WIPO			Yes No

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B70	AR	8	Bielinska, A., et al., "Regulation of in vitro gene expression using antisense oligonucleotides or antisense expression plasmids transfected using starburst PAMAM dendrimers," Nucleic Acids Res. 24:2176-2182, Oxford University Press (1996)
	AS	8	Bonifaci, N., et al., "Nuclear translocation of an exogenous fusion protein containing HIV Tat requires unfolding," AIDS 9:995-1000, Rapid Science Publishers (1995)
I	AT	8	Braunlin, W.H., et al., "Equilibrium Dialysis Studies of Polyamine Binding to DNA," Biopolymers 21:1301-1314, John Wiley & Sons, Inc. (1982)

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
Bj0	AL6	WO 92/13570 A2	08/20/1992	WIPO			Yes X No
	AM6	WO 92/21752 A1	12/10/1992	WIPO			Yes No
	AN6	EP 0 359 347 B1	12/23/1992	Europe			Yes No
	AO6	WO 92/22635 A1	12/23/1992	WIPO			Yes No
	AP6	WO 93/05162 A1	03/18/1993	WIPO			Yes No

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Bj0	AR	2	Budker, V., et al., "Protein/Amphipathic Polyamine Complexes Enable Highly Efficient Transfection with Minimal Toxicity," <i>Biotechniques</i> 23:139-147, Eaton Publishing Company (July 1997)
	AS	2	Caminati, G., et al., "Photophysical Investigation of Starburst Dendrimers and Their Interactions with Anionic and Cationic Surfactants," <i>J. Am. Chem. Soc.</i> 112:8515-8522, American Chemical Society (1990)
	AT	2	Carrasco, L., "Modification of Membrane Permeability Induced by Animal Viruses Early in Infection," <i>Virology</i> 113:623-629, Academic Press, Inc. (1981)

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
Bjo	AL7	WO 93/07282 A1	04/15/1993	WIPO			Yes X No
	AM7	WO 93/07283 A1	04/15/1993	WIPO			Yes X No
	AN7	AU-B-26526/92	05/03/1993	Australia			Yes No
	AO7	EP 0 544 292 A2	06/02/1993	Europe			Yes X No
	AP7	WO 93/19768 A1	10/14/1993	WIPO			Yes No

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Bjo	AR	10	Carrasco, L., and Esteban, M., "Modification of Membrane Permeability in Vaccinia Virus-Infected Cells," <i>Virology</i> 117:62-69, Academic Press, Inc. (1982)
	AS	10	Ciccarone, V., et al., "Cationic liposome-mediated transfection of eukaryotic cells: High efficiency nucleic acid delivery with lipofectin®, lipofectace™, and lipofectamine™ reagents," <i>FASEB J.</i> 7:A1131, Abstract No. 454, Federation of American Societies for Experimental Biology (1993)
	AT	10	Ciccarone, V., et al., "DMRIE-C reagent for transfection of suspension cells and for RNA transfections," <i>Focus</i> 17:84-87, Life Technologies, Inc. (1995)

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B30	AL8	WO 94/04696 A1	03/03/1994	WIPO			Yes No
I	AM8	WO 94/05624 A1	03/17/1994	WIPO			Yes No
I	AN8	WO 94/23751 A1	10/27/1994	WIPO			Yes X No
I	AO8	WO 95/02397 A1	01/26/1995	WIPO			Yes No
I	AP8	WO 95/21259 A1	08/10/1995	WIPO			Yes No

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B30	AR	<u>11</u>	Citovsky, V., et al., "Nuclear Localization of Agrobacterium VirE2 Protein in Plant Cells," <i>Science</i> 256:1802-1805, American Association for the Advancement of Science (1992)
I	AS	<u>11</u>	Cotten, M., et al., "Transferrin-polycation-mediated introduction of DNA into human leukemic cells: Stimulation by agents that affect the survival of transfected DNA or modulate transferrin receptor levels," <i>Proc. Natl. Acad. Sci. USA</i> 87:4033-4037, National Academy Press (1990)
I	AT	<u>11</u>	Cotten, M., et al., "High-efficiency receptor-mediated delivery of small and large (48 kilobase gene constructs using the endosome-disruption activity of defective or chemically inactivated adenovirus particles," <i>Proc. Natl. Acad. Sci. USA</i> 89:6094-6098, National Academy Press (1992)

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BDD	AL9	WO 95/24221 A1	09/14/1995	WIPO			Yes No
	AM9	WO 95/31557 A1	11/23/1995	WIPO			Yes No
	AN9	WO 96/01841 A1	01/25/1996	WIPO			Yes No
	AO9	WO 96/10038 A1	04/04/1996	WIPO			Yes No
	AP9	WO 96/05218 A1	02/22/1996	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BDD	AR	12	Curiel, D.T., et al., "Adenovirus enhancement of transferrin-polylysine-mediated gene delivery," <i>Proc. Natl. Acad. Sci. USA</i> 88:8850-8854, National Academy Press (1991)
	AS	12	Curiel, D.T., et al., "High-Efficiency Gene Transfer Mediated by Adenovirus Coupled to DNA-Polylysine Complexes," <i>Hum. Gene Ther.</i> 3:147-154, Mary Ann Liebert, Inc. (1992)
	AT	12	Curiel, D.T., et al., "Gene Transfer to Respiratory Epithelial Cells via the Receptor-mediated Endocytosis Pathway," <i>Am. J. Respir. Cell Mol. Biol.</i> 6:247-252, American Thoracic Society (1992)

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BDO	AL10	WO 96/15811 A1	05/30/1996	WIPO			Yes No
I	AM10	WO 96/22321 A1	07/25/1996	WIPO			Yes No
I	AN10	WO 96/22765 A1	08/01/1996	WIPO			Yes No
I	AO10	WO 96/31549 A1	10/10/1996	WIPO			Yes X No
I	AP10	WO 98/14439 A1	04/09/1998	WIPO			Yes No

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BDO	AR	13	Dattagupta, N., and Albarella, J.P., "Photochemical nucleic acid-labeling reagent having a polyalkylamine spacer," Chemical Abstracts 114:383, Abstract No. 114:78227w, American Chemical Society (1991)
I	AS	13	Dayhoff, M.O., et al., "A Model of Evolutionary Change in Proteins," in Atlas of Protein Sequence and Structure, Vol.5, Suppl. 3, Dayhoff, M.O., ed., National Biomedical Research Foundation, Washington, D.C. pp.345-352 (1978)
I	AT	13	De Robertis, E.M., et al., "Intracellular migration of nuclear proteins in Xenopus oocytes," Nature 272:254-256, Macmillan Journals, Ltd. (1978)

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

370	AR	14	Dedhar, S., et al., "A Cell Surface Receptor Complex for Collagen Type I Recognizes the Arg-Gly-Asp Sequence," J. Cell. Biol. 104:585-593, The Rockefeller University Press (1987)
I	AS	14	Demeneix, B.A., et al., "Gene transfer into intact vertebrate embryos," Int. J. Dev. Biol. 35:481-484, UBC Press (1991)
I	AT	14	Dingwall, C., and Laskey, R.A., "Nuclear targeting sequences - a consensus?" Trends Biochem. Sci. 16:478-481, Elsevier Science Publishers, (UK) (1991)

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	AN						Yes No
	AO						Yes No
	AP						Yes No

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330	AR	15	Dingwall, C., et al., "Human immunodeficiency virus 1 tat protein binds trans-activation-responsive region (TAR) RNA in vitro," <i>Proc. Natl. Acad. Sci. USA</i> 86:6925-6929, National Academy Press (1989)
	AS	15	Düzgünes, N., et al., "Fusion of Liposomes Containing a Novel Cationic Lipid, N-[2,3-(Diioleyloxy)propyl]-N,N,N-trimethylammonium: Induction by Multivalent Anions and Asymmetric Fusion with Acidic Phospholipid Vesicles," <i>Biochemistry</i> 28:9179-9184, American Chemical Society (1989)
	AT	15	Dwarki, V.J., et al., "Cationic Liposome-Mediated RNA Transfection," <i>Methods Enzymol.</i> 217:644-654, Academic Press, Inc. (1993)

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FORM PTO-1449

SEVENTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0942.4650001/RWE/THNAPPLICATION NO.
09/438,365APPLICANT
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1635

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

300	AR	16	Epand, R.M., et al., "Peptide Models for the Membrane Destabilizing Actions of Viral Fusion Proteins," <i>Biopolymers</i> 32:309-314, John Wiley & Sons, Inc. (1992)
	AS	16	Eytan, G.D., "Use of Liposomes for reconstitution of biological functions," <i>Biochim. Biophys. Acta</i> 694:185-202, Elsevier Biomedical Press (1982)
	AT	16	Fawell, S., et al., "Tat-mediated delivery of heterologous proteins into cells," <i>Proc. Natl. Acad. Sci. USA</i> 91:664-668, National Academy Press (1994)

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B7D	AR	17	Felgner, P.L., and Ringold, G.M., "Cationic liposome-mediated transfection," Nature 337:387-388, Nature Publishing Group (1989)
	AS	17	Finlay, D.R., et al., "Nuclear transport in vitro," J. Cell Sci. Suppl. 11:225-242, The Company of Biologists Ltd. (1989)
	AT	17	FitzGerald, D.J.P., et al., "Adenovirus-Induced Release of Epidermal Growth Factor and Pseudomonas Toxin into the Cytosol of KB Cells during Receptor-Mediated Endocytosis," Cell 32:607-617, Cell Press (1983)

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
BSD	AR	18	Frankel, A.D., et al., "Activity of synthetic peptides from the Tat protein of human immunodeficiency virus type 1," <i>Proc. Natl. Acad. Sci. USA</i> 86:7397-7401, National Academy Press (1989)
I	AS	18	Friedlander, D.R., et al., "Functional Mapping of Cytotactin: Proteolytic Fragments Active in Cell-Substrate Adhesion," <i>J. Cell Biol.</i> 107:2329-2340, The Rockefeller University Press (1988)
I	AT	18	Gao, X., and Huang, L., "Potentiation of Cationic Liposome-Mediated Gene Delivery by Polycations," <i>Biochemistry</i> 35:1027-1036, American Chemical Society (1996)

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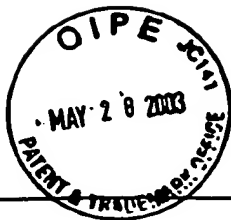
330	AR	19	Garcia-Bustos, J., et al., "Nuclear protein localization," <i>Biochim. Biophys. Acta</i> 1071:83-101, Elsevier Science Publishers B.V. (1991)
I	AS	19	Gardner, J.M., and Hynes, R.O., "Interaction of Fibronectin with Its Receptor on Platelets," <i>Cell</i> 42:439-448, Cell Press (1985)
+	AT	19	Garrigues, B., and Vidaud, L., "Synthesis of spermine and spermidine selectively substituted on the secondary amine functions," <i>Chemical Abstracts</i> 111:593, Abstract No. 23282t, American Chemical Society (1989)

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	AP						Yes No

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350	AR	20	Goldfarb, D.S., et al., "Synthetic peptides as nuclear localization signals," Nature 322:641-644, Nature Publishing Group (1986)
	AS	20	Goldfarb, D., and Michaud, N., "Pathways for the nuclear transport of proteins and RNAs," Trends Cell Biol. 1:20-24, Elsevier Science Publishers, Ltd (UK) (1991)
	AT	20	Gould-Fogerite, S., et al., "Chimerasome-mediated gene transfer in vitro and in vivo," Gene 84:429-438, Elsevier (1989)

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530 	AR	21	Grant, D.S., et al., "Two Different Laminin Domains Mediate the Differentiation of Human Endothelial Cells into Capillary-like Structures In Vitro," Cell 58:933-943, Cell Press (1989)
	AS	21	Hackh's Chemical Dictionary, 4th ed., Grant, J., ed., McGraw-Hill Book Company, New York, NY p.391 (1969)
	AT	21	Haensler, J., and Szoka Jr., F.C., "Polyamidoamine Cascade Polymers Mediate Efficient Transfection of Cells in Culture," Bioconjug. Chem. 4:372-379, American Chemical Society (1993)

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BJD	AR	22	Hagstrom, J.E., et al., "Complexes of non-cationic liposomes and histone H1 mediate efficient transfection of DNA without encapsulation," <i>Biochim. Biophys. Acta</i> 1284:47-55, Elsevier Science B.V. (1996)
	AS	22	Hamana, K., et al., "N ⁴ -Methylthermospermine in leguminous seeds," <i>Chemical Abstracts</i> 117:427, Abstract No. 117:86723g, American Chemical Society (1992)
	AT	22	Harbottle, R.C., et al., "RGD-mediated gene delivery and expression in epithelial cells," <i>Gene Therapy and Molecular Medicine. Keystone Symposium, Steamboat Springs, CO., March 26-April 1, 1995, J. Cell Biochem. Suppl.</i> 21A:394, Abstract No. C6-321, Wiley-Liss (1995)

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

Bjb	AR	23	Haverstick, D.M., et al., "Inhibition of Platelet Adhesion to Fibronectin, Fibrinogen, and von Willebrand Factor Substrates by a Synthetic Tetrapeptide Derived From the Cell-Binding Domain of Fibronectin," <i>Blood</i> 66:946-952, Harcourt Brace Jovanovich (1985)
I	AS	23	Hawley-Nelson, P., et al., "LipofectAMINE" reagent: A new, higher efficiency polycationic liposome transfection reagent," <i>Focus</i> 15:73-79, Life Technologies, Inc. (1993)
I	AT	23	Hetschko, M., and Gosselck, J., "Reaktionen von sulfoniumsalzen des 1,3-dithiolans und seiner 2,2-substitutionsprodukte," <i>Tetrahedron Lett.</i> 17:1691-1692, Pergamon Press (1972)

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

Bjd	AR	24	Huckett, B., et al., "Evidence for targeted gene transfer by receptor-mediated endocytosis," <i>Biochem. Pharmacol.</i> 40:253-263, Pergamon Press (1990)
I	AS	24	Humphries, M.J., et al., "Identification of an Alternatively Spliced Site in Human Plasma Fibronectin That Mediates Cell Type-specific Adhesion," <i>J. Cell Biol.</i> 103:2637-2647, The Rockefeller University Press (1986)
I	AT	24	Humphries, M.J., et al., "Identification of Two Distinct Regions of the Type III Connecting Segment of Human Plasma Fibronectin That Promote Cell Type-specific Adhesion," <i>J. Biol. Chem.</i> 262:6886-6892, American Society for Biochemistry and Molecular Biology (1987)

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BTB	AR	25	Ito, A., et al., "Synthetic cationic amphiphiles for liposome-mediated DNA transfection," <i>Biochem. Intl.</i> 22:235-241, Academic Press Australia (1990)
	AS	25	Kalderon, D., et al., "A Short Amino Acid Sequence Able to Specify Nuclear Location," <i>Cell</i> 39:499-509, Cell Press (1984)
	AT	25	Kamata, H., et al., "Amphiphilic peptides enhance the efficiency of liposome-mediated DNA transfection," <i>Nucleic Acids Res.</i> 22:536-537, Oxford University Press (1994)

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BJB T	AR	<u>26</u>	Kaneda, Y., et al., "The Improved Efficient Method for Introducing Macromolecules into Cells Using HVJ (Sendai Virus) Liposomes with Gangliosides," <i>Exp. Cell Res.</i> 173:56-69, Academic Press, Inc. (1987)
	AS	<u>26</u>	Kaneda, Y., et al., "Introduction and Expression of the Human Insulin Gene in Adult Rat Liver," <i>J. Biol. Chem.</i> 264:12126-12129, The American Society for Biochemistry and Molecular Biology, Inc. (1989)
	AT	<u>26</u>	Kaneda, Y., et al., "Increased Expression of DNA Cointroduced with Nuclear Protein in Adult Rat Liver," <i>Science</i> 243:375-378, American Association for the Advancement of Science (1989)

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Bdb	AR	27	Karlsson, S., et al., "Transfer of genes into hematopoietic cells using recombinant DNA viruses," Proc. Natl. Acad. Sci. USA 82:158-162, National Academy Press (1985)
	AS	27	Kielian, M., and Helenius, A., "Entry of Alphaviruses" in The Togaviridae and Flaviviridae, Schlesinger, S., and Schlesinger, M.J., eds., Plenum Press, New York, NY, pp.91-119 (1986)
I	AT	27	Kirsch, T., et al., "Cloning, High-Yield Expression in Escherichia coli, and Purification of Biologically Active HIV-1 Tat Protein," Protein Expr. Purif. 8:75-84, Academic Press, Inc. (1996)

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BDD	AR	28	Klappe, K., et al., "Parameters Affecting Fusion between Sendai Virus and Liposomes. Role of Viral Proteins, Liposome Composition, and pH," <i>Biochemistry</i> 25:8252-8260, American Chemical Society (1986)
	AS	28	Knodis, Z., and Valiuliene, S., "New reactions of 1,1-diamines," <i>Chemical Abstracts</i> 120:1056, Abstract No. 270276b, American Chemical Society (1994)
+	AT	28	Konopka, K., et al., "Enhancement of human immunodeficiency virus type 1 infection by cationic liposomes: the role of CD4, serum and liposome-cell interactions," <i>J. Gen. Virol.</i> 72:2685-2696, Society for General Microbiology (1991)

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Bjb	AR	29	Kraaijeveld, C.A., et al., "The effect of liposomal charge on the neutralizing antibody response against inactivated encephalomyocarditis and Semliki Forest viruses," Clin. Exp. Immunol. 56:509-514, Blackwell Scientific Publications (1984)
I	AS	29	Kukowska-Latallo, J.F., et al., "Efficient transfer of genetic material into mammalian cells using Starburst polyamidoamine dendrimers," Proc. Natl. Acad. Sci. USA 93:4897-4902, National Academy Press (1996)
+	AT	29	Lanford, R.E., et al., "Comparison of Diverse Transport Signals in Synthetic Peptide-Induced Nuclear Transport," Exp. Cell Res. 186:32-38, Academic Press, Inc. (1990)

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

B J b I	AR	30	Lanford, R.E., et al., "Induction of Nuclear Transport with a Synthetic Peptide Homologous to the SV40 T Antigen Transport Signal," Cell 46:575-582, Cell Press (1986)
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BJD I	AR	31	Ledley, F.D., "Clinical Considerations in the Design of Protocols for Somatic Gene Therapy," Hum. Gene Ther. 2:77-83, Mary Ann Liebert, Inc. (1991)
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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I	AS	32	Liljeström, P., and Garoff, H., "A new generation of animal cell expression vectors based on the Semliki Forest virus replicon," <i>Biotechnology (N Y)</i> 9:1356-1361, Nature Publishing Company (1991)
I	AT	32	Loeffler, J-P., and Behr, J-P., "Gene Transfer into Primary and Established Mammalian Cell Lines with Lipopolyamine-Coated DNA," <i>Methods Enzymol.</i> 217:599-618, Academic Press, Inc. (1993)

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330	AR	34	Marsh, M., et al., "Interactions of Semliki Forest Virus Spike Glycoprotein Rosettes and Vesicles with Cultured Cells," <i>J. Cell Biol.</i> 96:455-461, The Rockefeller University Press (1983)
	AS	34	Mason, P.W., et al., "RGD sequence of foot-and-mouth disease virus is essential for infecting cells via the natural receptor but can be bypassed by an antibody-dependent enhancement pathway," <i>Proc. Natl. Acad. Sci. USA</i> 91:1932-1936, National Academy Press (1994)
	AT	34	Mazur, W., et al., "The Efficiency of Lipofectin-Mediated Gene Transfer into Porcine and Human Coronary Smooth Muscle Cells is Dramatically Improved by the Influenza Virus Hemagglutinin Antigen," <i>J. Am. Coll. Cardiol. Suppl.</i> 21:186A, Abstract No. 889-31, Elsevier (1993)

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	AS	35	Murata, M., et al., "Modification of the N-terminus of membrane fusion-active peptides blocks the fusion activity," Biochem. Biophys. Res. Commun. 179:1050-1055, Academic Press, Inc. (1991)
	AT	35	Neugebauer, J.M., "Detergents: An Overview," Methods Enzymol. 182:239-253, Academic Press, Inc. (1990)

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B3D	AR	36	Otero, M.J., and Carrasco, L., "Proteins are Cointernalized with Virion Particles during Early Infection," <i>Virology</i> 160:75-80, Academic Press, Inc. (1987)
I	AS	36	Parente, R.A., et al., "Association of a pH-Sensitive Peptide with Membrane Vesicles: Role of Amino Acid Sequence," <i>Biochemistry</i> 29:8713-8719, American Chemical Society (1990)
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BTD	AR	37	Pastan, I.H., and Willingham, M.C., "Journey to the Center of the Cell: Role of the Receptosome," <i>Science</i> 214:504-509, American Association for the Advancement of Science (1981)
I	AS	37	Pepinsky, R.B., et al., "Specific Inhibition of a Human Papillomavirus E2 Trans-Activator by Intracellular Delivery of Its Repressor," <i>DNA Cell Biol.</i> 13:1011-1019, Mary Ann Liebert, Inc. (1994)
I	AT	37	Phalen, T., and Kielian, M., "Cholesterol Is Required for Infection by Semliki Forest Virus," <i>J. Cell Biol.</i> 112:615-623, The Rockefeller University Press (1991)

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	AP						Yes No

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B7b	AR	39	Poste, G., et al., "Lipid Vesicles as Carriers for Introducing Biologically Active Materials into Cells," <i>Methods Cell Biol.</i> 14:33-71, Academic Press, Inc. (1976)
I	AS	39	"Eukaryotic transcription and Reporter Systems", 1993/94 Promega Catalog, p.251 Promega Corporation (1993)
I	AT	39	Remy, J-S., et al., "Targeted gene transfer into hepatoma cells with lipopolyamine-condensed DNA particles presenting galactose ligands: A stage toward artificial virus," <i>Proc. Natl. Acad. Sci. USA</i> 92:1744-1748, National Academy Press (1995)

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300	AR	40	Rihs, H-P., et al., "The rate of nuclear cytoplasmic protein transport is determined by the casein kinase II site flanking the nuclear localization sequence of the SV40 T-antigen," <i>EMBO J.</i> 10:633-639, Oxford University Press (1991)
I	AS	40	Rihs, H-P., and Peters, R., "Nuclear transport kinetics depend on phosphorylation-site-containing sequences flanking the karyophilic signal of the Simian virus 40 T-antigen," <i>EMBO J.</i> 8:1479-1484, IRL Press (1989)
I	AT	40	Rose, J.K., et al., "A New Cationic Liposome Reagent Mediating Nearly Quantitative Transfection of Animal Cells," <i>Biotechniques</i> 10:520-525, Eaton Publishing Company (1991)

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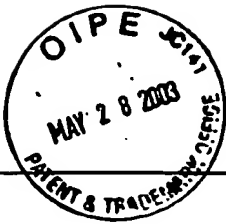
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I	AS	41	Ruoslahti, E., and Pierschbacher, M.D., "New Perspectives in Cell Adhesion: RGD and Integrins," Science 238:491-497, American Association for the Advancement of Science (1987)
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B3b	AR	43	Schmid, N., and Behr, J-P., "Location of Spermine and Other Polyamines on DNA As Revealed by Photoaffinity Cleavage with Polyaminobenzenediazonium Salts," <i>Biochemistry</i> 30:4357-4361, American Chemical Society (1991)
	AS	43	Seth, P., et al., "Pathway of Adenovirus Entry into Cells," in <i>Virus Attachment and Entry into Cells</i> , Crowell, R.L., and Lonberg-Holm, K., eds., American Society for Microbiology, Washington, D.C., pp. 191-195 (1986)
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	AS	44	Stegmann, T., et al., "Protein-mediated membrane fusion," <i>Annu. Rev. Biophys. Biophys. Chem.</i> 18:187-211, Annual Reviews, Inc. (1989)
+	AT	44	Sugawa, H., et al., "Large Macromolecules Can Be Introduced into Cultured Mammalian Cells Using Erythrocyte Membrane Vesicles," <i>Exp. Cell Res.</i> 159:410-418, Academic Press, Inc. (1985)

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BSJ	AR	45	Suzuki, S., et al., "Complete amino acid sequence of human vitronectin deduced from cDNA. Similarity of cell attachment sites in vitronectin and fibronectin," <i>EMBO J.</i> 4:2519-2524, IRL Press, Ltd. (1985)
	AS	45	Tang, M.X., et al., "In Vitro Gene Delivery by Degraded Polyamidoamine Dendrimers," <i>Bioconj. Chem.</i> 7:703-714, American Chemical Society (1996)
	AT	45	Tikchonenko, T.I., et al., "Transfer of condensed viral DNA into eukaryotic cells using proteoliposomes," <i>Gene</i> 63:321-330, Elsevier (1988)

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FORM PTO-1449

SEVENTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0942.4650001/RWE/THNAPPLICATION NO.
09/438,365APPLICANT
Chu et al.FILING DATE
November 12, 1999GROUP
1635

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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	AN						Yes No
	AO						Yes No
	AP						Yes No

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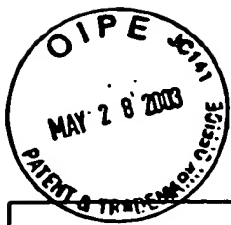
326	AR	46	"Transfection Reagent" in <i>Genetic Engineering News</i> , Mary Ann Liebert, Inc., p. 12, column 3, (June 1993)
	AS	46	Trubetskoy, V.S., et al., "Use of N-terminal Modified Poly(L-lysine)-Antibody Conjugate as a Carrier for Targeted Gene Delivery in Mouse Lung Endothelial Cells," <i>Bioconjug. Chem.</i> 3:323-327, American Chemical Society (1992)
	AT	46	Väänänen, P., and Kääriäinen, L., "Fusion and Haemolysis of Erythrocytes caused by Three Togaviruses: Semliki Forest, Sindbis and Rubella," <i>J. Gen. Virol.</i> 46:467-475, Cambridge University Press (1980)

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FORM PTO-1449 <u>SEVENTH SUPPLEMENTAL</u> <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0942.4650001/RWE/THN	APPLICATION NO. 09/438,365
	APPLICANT Chu et al.	
	FILING DATE November 12, 1999	GROUP 1635

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	AM						Yes No
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
BDD I	AR	47	van Zee, K., et al., "A Hydrophobic Protein Sequence Can Override a Nuclear Localization Signal Independently of Protein Context," <i>Mol. Cell. Biol.</i> 11:5137-5146, American Society for Microbiology (1991)
	AS	47	Vivès, E., et al., "A Truncated HIV-1 Tat Protein Basic Domain Rapidly Translocates through the Plasma Membrane and Accumulates in the Cell Nucleus," <i>J. Biol. Chem.</i> 272:16010-16017, The American Society for Biochemistry and Molecular Biology, Inc. (June 1997)
	AT	47	Wagner, E., et al., "Coupling of adenovirus to transferrin-polylysine/DNA complexes greatly enhances receptor-mediated gene delivery and expression of transfected genes," <i>Proc. Natl. Acad. Sci. USA</i> 89:6099-6103, National Academy Press (1992)

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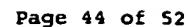
B20	AR	48	Wagner, E., et al., "Transferrin-polycation conjugates as carriers for DNA uptake into cells," <i>Proc. Natl. Acad. Sci. USA</i> 87:3410-3414, National Academy Press (1990)
I	AS	48	Wagner, E., et al., "Influenza virus hemagglutinin HA-2 N-terminal fusogenic peptides augment gene transfer by transferrin-polylysine-DNA complexes: Toward a synthetic virus-like gene-transfer vehicle," <i>Proc. Natl. Acad. Sci. USA</i> 89:7934-7938, National Academy Press (1992)
I	AT	48	Wagner, E., et al., "DNA-Binding Transferrin Conjugates as Functional Gene-Delivery Agents: Synthesis by Linkage of Polylysine or Ethidium Homodimer to the Transferrin Carbohydrate Moiety," <i>Bioconjug. Chem.</i> 2:226-231, American Chemical Society (1991)

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B7D	AR	<u>49</u>	Walker, C., et al., "Cationic lipids direct a viral glycoprotein into the class I major histocompatibility complex antigen-presentation pathway," <i>Proc. Natl. Acad. Sci. USA</i> 89:7915-7918, National Academy Press (1992)
I	AS	<u>49</u>	Wayner, E.A., et al., "Identification and Characterization of the T Lymphocyte Adhesion Receptor for An Alternative Cell Attachment Domain (CS-1) in Plasma Fibronectin," <i>J. Cell Biol.</i> 109:1321-1330, The Rockefeller University Press (1989)
T	AT	<u>49</u>	Weinstock, L.T., et al., "Synthesis of New Polyamine Derivatives for Cancer Chemotherapeutic Studies," <i>J. Pharm. Sci.</i> 70:956-959, American Pharmaceutical Association (1981)

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B3D	AR	50	Wickham, T.J., et al., "Targeting of adenovirus penton base to new receptors through replacement of its RGD motif with other receptor-specific peptide motifs," <i>Gene Ther.</i> 2:750-756, Stockton Press (1995)
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I	AT	50	Wolff, J.A., et al., "Direct Gene Transfer into Mouse Muscle in Vivo," <i>Science</i> 247:1465-1468, American Association for the Advancement of Science (1990)

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	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

B20	AR	51	Wu, G.Y., and Wu, C.H., "Receptor-mediated Gene Delivery and Expression in Vivo," J. Biol. Chem. 263:14621-14624, The American Association for Biochemistry and Molecular Biology, Inc. (1988)
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BTD	AR	52	Wu, G.Y., et al., "Receptor-mediated Gene Delivery in Vivo: Partial correction of genetic analbuminemia in nagase rats," <i>J. Biol. Chem.</i> 266:14338-14342, The American Society for Biochemistry and Molecular Biology, Inc. (1991)
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	AT	52	Yoshimura, K., et al., "Adenovirus-mediated Augmentation of Cell Transfection with Unmodified Plasmid Vectors," <i>J. Biol. Chem.</i> 268:2300-2303, The American Association for Biochemistry and Molecular Biology, Inc. (1993)

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FOREIGN PATENT DOCUMENTS

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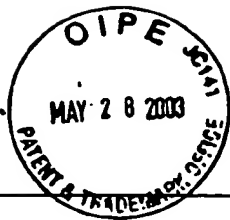
BTD	AR	53	Young, J.D.-E., et al., "Interaction of Enveloped Viruses with Planar Bilayer Membranes: Observations on Sendai, Influenza, Vesicular Stomatitis, and Semliki Forest Viruses," <i>Virology</i> 128:186-194, Academic Press, Inc. (1983)
I	AS	53	Zenke, M., et al., "Receptor-mediated endocytosis of transferrin-polycation conjugates: An efficient way to introduce DNA into hematopoietic cells," <i>Proc. Natl. Acad. Sci. USA</i> 87:3655-3659, National Academy Press (1990)
I	AT	53	Zhou, X., and Huang, L., "DNA transfection mediated by cationic liposomes containing lipopolylysine: characterization and mechanism of action," <i>Biochim. Biophys. Acta</i> 1189:195-203, Elsevier Science B.V. (1994)

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4/25/05

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	AM						Yes No
	AN						Yes No
	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

B30	AR	54	Zhu, Z., et al., "Transformation of tobacco protoplasts with DNA entrapped in pH-sensitive liposomes," <i>Plant Cell, Tissue & Organ Cult.</i> 22:135-145, Kluwer Academic Publishers (1990)
	AS	54	CAPLUS, Acession No. 1972:461856, STNEasy CAPLUS English language abstract for for Hetschko, M., and Gosselck, J., "Reaktionen von sulfoniumsalzen des 1,3-dithiolans und seiner 2,2-substitutionsprodukte," <i>Tetrahedron Lett.</i> 17:1691-1692, Pergamon Press (1972) (Document AT23)
	AT	54	Dialog File 351, Accession No. 7672839, Derwent WPI English language abstract for EP 0 304 111 B1 (Document AN4)

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	AS	55	Dialog File 351, Accession No. 8822189, Derwent WPI English language abstract for DD 290 877 A5 (Document AN5)
	AT	55	Dialog File 351, Accession No. 9150067, Derwent WPI English language abstract for WO 92/13570 A2 (Document AL6)

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FORM PTO-1449 <u>SEVENTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0942.4650001/RWE/THN	APPLICATION NO. 09/438,365
	APPLICANT Chu et al.	
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	AS	56	Dialog File 351, Accession No. 9440951, Derwent WPI English language abstract for WO 93/07283 A1 (Document AM7)
	AT	56	Dialog File 351, Accession No. 9483543, Derwent WPI English language abstract for EP 0 544 292 A2 (Document AO7)

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350	AR	57	Dialog File 351, Accession No. 10073779, Derwent WPI English language abstract for WO 94/23751 A1 (Document AN8)
I	AS	57	Dialog File 351, Accession No. 10968033, Derwent WPI English language abstract for WO 96/31549 A1 (Document A010)
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BSB	AL11	EP 0 329 822 A2	08/30/1989	Europe			Yes No
	AM11	WO 90/09180 A1	08/23/1990	WIPO			Yes No
	AN11	WO 90/11092 A1	10/04/1990	WIPO			Yes No
	AO11	WO 91/17424 A1	11/14/1991	WIPO			Yes No
	AP11	WO 92/06188 A2	04/16/1992	WIPO			Yes No

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BSB	AT	57	Albrecht, T., et al., "Cationic lipid mediated transfer of c-abl and bcr antisense oligonucleotides to immature normal myeloid cells: uptake, biological effects and modulation of gene expression," Ann. Hematol. 72:73-79, Springer-Verlag (1996)

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BDD	AL12	WO 92/06200 A1	04/16/1992	WIPO			Yes No
	AM12	WO 92/20697 A1	11/26/1992	WIPO			Yes No
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	AO12	WO 93/08130 A1	04/29/1993	WIPO			Yes X No
	AP12	WO 93/19768 A1	10/14/1993	WIPO			Yes No

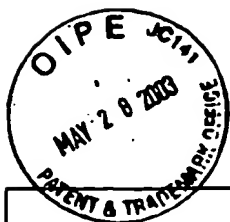
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BDD	AR	58	Aslanyan, V.M. et al., "Conformation and Thermal Stability of DNA in Aqueous Solutions of β -Alanine and γ -Aminobutyric Acid," <i>Biophysics</i> 29:615-620, Pergamon Press, Ltd. (1984)
	AS	58	Astatke, M., et al., "How E. coli DNA Polymerase I (Klenow fragment) Distinguishes between Deoxy- and Dideoxynucleotides," <i>J. Mol. Biol.</i> 278:147-165, Academic Press, Ltd. (April 1998)
	AT	58	Barnes, W.M., "The fidelity of Taq polymerase catalyzing PCR is improved by an N-terminal deletion," <i>Gene</i> 112:29-35, Elsevier Science Publishers B.V. (1992)

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BDD	AL13	WO 94/02499 A1	02/03/1994	WIPO			Yes No
	AM13	WO 94/07899 A1	04/14/1994	WIPO			Yes No
	AN13	WO 94/08004 A1	04/14/1994	WIPO			Yes No
	AO13	WO 94/14475 A1	07/07/1994	WIPO			Yes No
	AP13	WO 94/17093 A1	08/04/1994	WIPO			Yes No

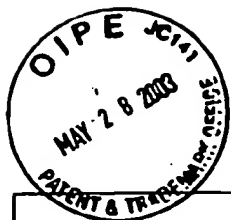
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BDD	AR	59	Baskaran, N., et al., "Uniform Amplification of a Mixture of Deoxyribonucleic Acids with Varying GC Content," <i>Genome Res.</i> 6:633-638, Cold Spring Harbor Laboratory Press (1996)
	AS	59	Behr, J-P., "Gene Transfer with Synthetic Cationic Amphiphiles: Prospects for Gene Therapy," <i>Bioconj. Chem.</i> 5:382-389, American Chemical Society (1994)
	AT	59	Benoist, C., et al., "In vivo sequence requirements of the SV40 early promoter region," <i>Nature</i> 290:304-310, Macmillan Journals, Ltd. (1981)

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BSP	AL14	WO 95/16028 A1	06/15/1995	WIPO			Yes No
	AM14	WO 95/20682 A1	08/03/1995	WIPO			Yes No
	AN14	DE 44 11 588 C1	09/28/1995	Germany			Yes X No
	AO14	EP 0 684 315 B1	11/29/1995	Europe			Yes No
	AP14	DE 44 11 594 C1	12/14/1995	Germany			Yes X No

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BSP	AR	60	Bonfanti, M., et al., "p21 ^{WAF1} -derived Peptides Linked to an Internalization Peptide Inhibit Human Cancer Cell Growth," Cancer Res. 57:1442-1446, American Association for Cancer Research (April 1997)
	AS	60	Böttger, M., et al., "Condensation of vector DNA by the chromosomal protein HMGI results in efficient transfection," Biochim. Biophys. Acta 950:221-228, Elsevier Science Publishers B.V. (1988)
	AT	60	Boussif, O., et al., "A versatile vector for gene and oligonucleotide transfer into cells in culture and in vivo: Polyethylenimine," Proc. Natl. Acad. Sci. USA 92:7297-7301, National Academy Press (1995)

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BSP	AL15	WO 96/08723 A1	03/21/1996	WIPO			Yes X No
	AM15	WO 96/10640 A1	04/11/1996	WIPO			Yes No
	AN15	WO 96/29337 A1	09/26/1996	WIPO			Yes No
	AO15	WO 96/32474 A1	10/17/1996	WIPO			Yes No
	AP15	WO 96/35706 A1	11/14/1996	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BSP	AR	61	Brunette, E., et al., "Lipofection does not require the removal of serum," Nucleic Acids Res. 20:1151, Oxford University Press (1992)
	AS	61	Buche, A., et al., "Glycine and other amino compounds prevent chromatin precipitation at physiological ionic strength," FEBS Lett. 247:367-370, Elsevier Science Publishers B.V. (1989)
	AT	61	Buche, A., et al., "Organic Osmotic Effectors and Chromatin Structure," J. Biomol. Struct. & Dynam. 8:601-618, Adenine Press (1990)

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BDD	AL16	WO 97/05265 A1	02/13/1997	WIPO			Yes No
	AM16	WO 97/09451 A1	03/13/1997	WIPO			Yes No
	AN16	EP 0 821 059 A2	01/28/1998	Europe			Yes No
	AO16	WO 98/06736 A1	02/19/1998	WIPO			Yes No
	AP16	WO 98/32866 A1	07/30/1998	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BDD	AR	62	Buche, A., et al., "Effect of Organic Effectors on Chromatin Solubility, DNA-Histone H1 Interactions, DNA and Histone H1 Structures," <i>J. Biomol. Struct. & Dynam.</i> 11:95-119, Adenine Press (1993)
	AS	62	Cánovas, D., et al., "Osmoprotectants in <i>Halomonas elongata</i> : High-Affinity Betaine Transport System and Choline-Betaine Pathway," <i>J. Bacteriol.</i> 178:7221-7226, American Society for Microbiology (1996)
	AT	62	Cánovas, D., et al., "Isolation and Characterization of Salt-sensitive Mutants of the Moderate Halophile <i>Halomonas elongata</i> and Cloning of the Ectoine Synthesis Genes," <i>J. Biol. Chem.</i> 272:25794-25801, The American Society for Biochemistry and Molecular Biology, Inc. (October 1997)

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B30	AL17	WO 98/47912 A1	10/29/1998	WIPO			Yes No
I	AM17	WO 99/05302 A1	02/04/1999	WIPO			Yes No
	AN17	WO 99/11809 A1	03/11/1999	WIPO			Yes No
	AO17	WO 99/24559 A2	05/20/1999	WIPO			Yes No
I	AP17	WO 99/41410 A1	08/19/1999	WIPO			Yes No

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B30	AR	63	Carninci, P., et al., "Thermostabilization and thermoactivation of thermolabile enzymes by trehalose and its application for the synthesis of full length cDNA," <i>Proc. Natl. Acad. Sci. USA</i> 95:520-524, National Academy Press (January 1998)
I	AS	63	Chambers, S.T., et al., "Dimethylthetin Can Substitute for Glycine Betaine as an Osmoprotectant Molecule for <i>Escherichia coli</i> ," <i>J. Bacteriol.</i> 169:4845-4847, American Society for Microbiology (1987)
I	AT	63	Chen, X., et al., "A self-initiating eukaryotic transient gene expression system based on cotransfection of bacteriophage T7 RNA polymerase and DNA vectors containing a T7 autogene," <i>Nucleic Acids Res.</i> 22:2114-2120, Oxford University Press (1994)

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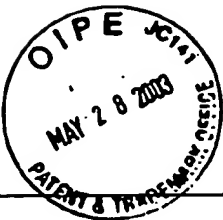
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B3p	AL18	WO 99/46400 A1	09/16/1999	WIPO			Yes No
	AM18	WO 00/58488 A2	10/05/2000	WIPO			Yes No
+	AN18	WO 00/58488 A3	01/18/2001	WIPO			Yes No
	AO						Yes No
	AP						Yes No

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B3p	AR	64	Cohen, J., "Naked DNA Points Way to Vaccines," <i>Science</i> 259:1691-1692, American Association for the Advancement of Science (1993)
	AS	64	Cotten, M., and Wagner, E., "Non-viral approaches to gene therapy," <i>Curr. Opin. Biotechnol.</i> 4:705-710, Current Biology, Ltd. (1993)
I	AT	64	Deamer, D.W., and Uster, P.S., "Liposome Preparation: Methods and Mechanisms," in <i>Liposomes</i> , Marc J. Ostro, ed., Marcel Dekker, Inc., New York, NY, pp.27-51 (1983)

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

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B20	AR	65	Dean, N.M., and McKay, R., "Inhibition of protein kinase C- α expression in mice after systemic administration of phosphorothioate antisense oligodeoxynucleotides," <i>Proc. Natl. Acad. Sci. USA</i> 91:11762-11766, National Academy Press (1994)
I	AS	65	Elliot, G., and O'Hare, P., "Intercellular trafficking of VP22-GFP fusion proteins," <i>Gene Ther.</i> 6:149-151, Stockton Press (January 1999)
I	AT	65	Felgner, P.L., and Holm, M., "Cationic Liposome-Mediated Transfection," <i>Focus</i> 11:21-25, Life Technologies, Inc. (1989)

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	AM						Yes No
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	AO						Yes No
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B2D	AR	66	Felgner, P.L., and Rhodes, G., "Gene therapeutics," Nature 349:351-352, Macmillan Journals, Ltd. (1991)
	AS	66	Flaman, J-M., et al., "A rapid PCR fidelity assay," Nucleic Acids Res. 22:3259-3260, Oxford University Press (1994)
	AT	66	Flock, S., et al., "Osmotic Effectors and DNA Structure: Effect of Glycine on Precipitation of DNA by Multivalent Cations" J. Biomol. Struct. Dyn. 13:87-102, Adenine Press (1995)

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670	AR	67	Flock, S., et al., "Dielectric Constant and Ionic Strength Effects on DNA Precipitation," <i>Biophys. J.</i> 70:1456-1465, Biophysical Society (1996)
	AS	67	Flock, S., et al., " ²³ Na NMR Study of the Effect of Organic Osmolytes on DNA Counterion Atmosphere," <i>Biophys. J.</i> 71:1519-1529, Biophysical Society (1996)
	AT	67	Foecking, M.K., and Hofstetter, H., "Powerful and versatile enhancer-promoter unit for mammalian expression vectors," <i>Gene</i> 45:101-105, Elsevier Science Publishers B.V. (1986)

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B30	AR	68	Frackman, S., et al., "Betaine and DMSO: Enhancing Agents for PCR," <i>Promega Notes</i> 65:27-29, Promega (February 1998)
I	AS	68	Fritz, J.D., et al., "Gene Transfer into Mammalian Cells Using Histone-Condensed Plasmid DNA," <i>Hum. Gene Ther.</i> 7:1395-1404, Mary Ann Liebert, Inc. (1996)
I	AT	68	Giles, R.V., "Antisense oligonucleotide technology: From EST to therapeutics," <i>Curr. Opin. Mol. Ther.</i> 2:238-252, PharmaPress, Ltd. (June 2000)

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1300	AR	69	Goldman, C.K., et al., "In vitro and in vivo gene delivery mediated by a synthetic polycationic amino polymer," Nat. Biotechnol. 15:462-466, Nature America Publishing (May 1997)
	AS	69	Gorman, C., "High Efficiency Gene Transfer into Mammalian Cells," in DNA Cloning, Vol. II, Glover, D.M., ed., IRL Press, Washington, D.C., pp. 143-190 (1985)
	AT	69	Gouesbet, G., et al., "Characterization of the <i>Erwinia chrysanthemi</i> Osmoprotectant Transporter Gene <i>ousA</i> ," J. Bacteriol. 178:447-455, American Society for Microbiology (1996)

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350	AR	70	Gubler, U., and Hoffman, B.J., "A simple and very efficient method for generating cDNA libraries," <i>Gene</i> 25:263-269, Elsevier Science Publishers (1983)
I	AS	70	Haensler, J., and Szoka Jr., F.C., "Polyamidoamine Cascade Polymers Mediate Efficient Transfection of Cells in Culture," <i>Bioconjug. Chem.</i> 4:372-379, American Chemical Society (1993)
I	AT	70	Harrison, G.S., et al., "Optimization of Gene Transfer Using Cationic Lipids in Cell Lines and Primary Human CD4 ⁺ and CD34 ⁺ Hematopoietic Cells," <i>BioTechniques</i> 19:816-823, Eaton Publishing Company (1995)

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B3D	AR	71	Hazinski, T.A., et al., "Localization and Induced Expression of Fusion Genes in the Rat Lung," <i>Am. J. Respir. Cell Mol. Biol.</i> 4:206-209, American Thoracic Society (1991)
I	AS	71	Hengen, P.N., "Optimizing multiplex and LA-PCR with betaine," <i>Trends Biochem. Sci.</i> 22:225-226, Elsevier Science, Ltd. (June 1997)
I	AT	71	Henke, W., et al., "Betaine improves the PCR amplification of GC-rich DNA sequences," <i>Nucl. Acids Res.</i> 25:3957-3958, Oxford University Press (October 1997)

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

B7D	AR	22	Heywood, S.M., "tcrna as a naturally occurring antisense RNA in eukaryotes," <i>Nucleic Acids Res.</i> 14:6771-6772, IRL Press (1986)
I	AS	22	Hogrefe, H., et al., "Novel PCR Enhancing Factor Improves Performance of Pfu DNA Polymerase," <i>Strategies</i> 10:93-96, Stratagene Cloning Systems (August 1997)
I	AT	22	Holt, C.E., et al., "Lipofection of cDNAs in the Embryonic Vertebrate Central Nervous System," <i>Neuron</i> 4:203-214, Cell Press (1990)

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BDD	AR	73	Hope, M.J., et al., "Generation of Multilamellar and Unilamellar Phospholipid Vesicles," Chem. Phys. Lipids 40:89-107, Elsevier Scientific Publishers Ireland, Ltd. (1986)
	AS	73	Houssier, C., et al., "Effects of Compensatory Solutes on DNA and Chromatin Structural Organization in Solution," Comp. Biochem. Physiol. 117A:313-318, Elsevier Science, Inc. (July 1997)
	AT	73	Houts, G.E., et al., "Reverse Transcriptase from Avian Myeloblastosis Virus," J. Virol. 29:517-522, American Society for Microbiology (1979)

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BOP +	AR	74	Iakobashvili, R., and Lapidot, A., "Low temperature cycled PCR protocol for Klenow fragment of DNA polymerase I in the presence of proline," Nucleic Acids Res. 27:1566-1568, Oxford University Press (March 1999)
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	AT	74	Instruction Manual for "GeneTrapper" cDNA Positive Selection System," Catalog No. 10356-020, GIBCO BRL, Life Technologies, Gaithersburg, MD, pp.1-26

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BDD	AR	75	Iyer, R.P., et al., "The Automated Synthesis of Sulfur-Containing Oligodeoxyribonucleotides Using 3H-1,2-Benzodithiol-3-one 1,1-Dioxide as a Sulfur-Transfer Reagent," <i>J. Org. Chem.</i> 55:4693-4699, American Chemical Society (1990)
I	AS	75	Iyer, R.P., et al., "3H-1,2-Benzodithiole-3-one 1,1-Dioxide as an Improved Sulfurizing Reagent in the Solid-Phase Synthesis of Oligodeoxyribonucleoside Phosphorothioates," <i>J. Am. Chem. Soc.</i> 112:1253-1254, American Chemical Society (1990)
+	AT	75	Jakob, R., and Saenger, W., "Reversed-phase ion-pair chromatographic separation of ribulose 1,5-bisphosphate from 3-phosphoglycerate and its application as a new enzyme assay for RuBP carboxylase/oxygenase," <i>FEBS Lett.</i> 183:111-114, Elsevier Science Publishers B.V. (1985)

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BDD	AR	76	Johnstone, A., and Thorpe, R., "Production of antibodies," in <i>Immunochemistry in Practice</i> , Johnstone, A., and Thorpe, R., eds., Blackwell Scientific Publications, Oxford, Great Britain, pp. 30-47, (1987)
	AS	76	Joung, I., and Engler, J.A., "Mutations in Two Cysteine-Histidine-Rich Clusters in Adenovirus Type 2 DNA Polymerase Affect DNA Binding," <i>J. Virol.</i> 66:5788-5796, American Society for Microbiology (1992)
	AT	76	Kondakova, N.V., et al., "Effect of Low-molecular Amines on the Conformation and Stability of the Double Helix," <i>Mol. Biol. (Mosk.)</i> 9:742-746, Izdatelstvo Nauka (1975)

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DD	AR	77	English Language Translation for Kondakova, N.V., et al., "Effect of Low-molecular Amines on the Conformation and Stability of the Double Helix," Mol. Biol. (Mosk.) 9:742-746, Izdatelstvo Nauka (1975) (Document AR77)
	AS	77	Kotewicz, M.L., et al., "Isolation of cloned Moloney murine leukemia virus reverse transcriptase lacking ribonuclease H activity," Nucleic Acids Res. 16:265-277, IRL Press, Ltd. (1988)
	AT	77	Landre, P.A., et al., "The use of cosolvents to enhance amplification by the polymerase chain reaction," in PCR Strategies, Innis, M.A., et al., eds., Academic Press, San Diego, CA, pp. 3-16 (1995)

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B30	AR	78	Langel, U., et al., "Cell penetrating PNA constructs," <i>J. Neurochem.</i> 69(suppl):S260, Abstract B, Lippincott-Raven Publishers(July 1997)
	AS	78	Lau, Q.C., et al., "Abrogation of c-Raf expression induces apoptosis in tumor cells," <i>Oncogene</i> 16:1899-1902, Stockton Press (April 1998)
	AT	78	Lawyer, F.C., et al., "High-level Expression, Purification, and Enzymatic Characterization of Full-Length <i>Thermus aquaticus</i> DNA Polymerase and a Truncated Form Deficient in 5' to 3' Exonuclease Activity," <i>PCR Methods Appl.</i> 2:275-287, Cold Spring Harbor Laboratory Press (1993)

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

b30 	AR	79	Le Rudulier, D. et al., "Molecular Biology of Osmoregulation," Science 224:1064-1068, American Association for the Advancement of Science (1984)
	AS	79	Li, C.-J., et al., "Nonprotein amino acids from seeds of <i>Cycas circinalis</i> and <i>Phaseolus vulgaris</i> ," Phytochemistry 42:443-445, Pergamon Press (1996)
	AT	79	1995-96 GIBCO/BRL Product Catalogue and Reference Guide, pp. 19-10 and 19-12, Life Technologies, Inc. (1995)

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

B50 	AR	80	Liu, X., et al., "Hypoglycemia-induced c-Jun Phosphorylation Is Mediated by c-Jun N-terminal Kinase 1 and Lyn Kinase in Drug-resistant Human Breast Carcinoma MCF-7/ADR Cells," <i>J. Biol. Chem.</i> 272:11690-11693, The American Society for Biochemistry and Molecular Biology, Inc. (May 1997)
	AS	80	Malin, G., and Lapidot, A., "Induction of Synthesis of Tetrahydropyrimidine Derivatives in <i>Streptomyces</i> Strains and Their Effect on <i>Escherichia coli</i> in Response to Osmotic and Heat Stress," <i>J. Bacteriol.</i> 178:385-395, American Society for Microbiology (1996)
	AT	80	Maniatis, T., et al., "The Isolation of Structural Genes from Libraries of Eucaryotic DNA," <i>Cell</i> 15:687-701, MIT Press (1978)

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

B20 I	AR	81	Marquet, R. and Houssier, C., "Thermodynamics of Cation-Induced DNA Condensation," <i>J. Biomol. Struct. & Dynam.</i> 9:159-167, Adenine Press (1991)
	AS	81	Mizuno, T., et al., "A unique mechanism regulating gene expression: Translational inhibition by a complementary RNA transcript (micRNA)," <i>Proc. Natl. Acad. Sci. USA</i> 81:1966-1970, National Academy Press (1984)
	AT	81	Monia, B.P., et al., "Sequence-specific antitumor activity of a phosphorothioate oligodeoxyribonucleotide targeted to human C-raf kinase supports an antisense mechanism of action in vivo," <i>Proc. Natl. Acad. Sci. USA</i> 93:15481-15484, National Academy Press (1996)

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B30	AR	82	Murphy, A.L., and Murphy, S.J., "Catch VP22: the hitch-hiker's ride to gene therapy?" <i>Gene Ther.</i> 6:4-5, Nature Publishing Group (January 1999)
I	AS	82	Mytelka, D.S., and Chamberlin, M.J., "Analysis and suppression of DNA polymerase pauses associated with a trinucleotide consensus," <i>Nucleic Acids Res.</i> 24:2774-2781, Oxford University Press (1996)
I	AT	82	McCluskie, M.J., et al., "Direct Gene Transfer to the Respiratory Tract of Mice with Pure Plasmid and Lipid-Formulated DNA," <i>Antisense Nucleic Acid Drug Dev.</i> 8:401-414, Mary Ann Liebert, Inc. (October 1998)

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B3P	AR	83	Nabel, G.J., et al., "Direct gene transfer for treatment of human cancer," Ann. NY Acad. Sci. 772:227-231, New York Academy of Sciences (1995)
I	AS	83	Nabel, G.J., et al., "Immune responses in human melanoma after transfer of an allogeneic class I major histocompatibility complex gene with DNA-liposome complexes," Proc. Natl. Acad. Sci. USA 93:15388-15393, National Academy Press (1996)
I	AT	83	Neckers, L.M., "Cellular Internalization of Oligodeoxynucleotides," in Antisense Research and Applications, Crooke, S.T. and Lebleu, B., eds., CRC Press, Inc., Boca Raton, FL, pp.451-460 (1993)

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870 	AR	85	Panaccio, M., et al., "FolT PCR: A Simple PCR Protocol for Amplifying DNA Directly from Whole Blood," <i>BioTechniques</i> 14:238-243, Eaton Publishing Company (1993)
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	AT	85	Polesky, A.H., et al., "Identification of Residues Critical for the Polymerase Activity of the Klenow Fragment of DNA Polymerase I from <i>Escherichia coli</i> ," <i>J. Biol. Chem.</i> 265:14579-14591, The American Society for Biochemistry and Molecular Biology, Inc. (1990)

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BJD I	AR	86	Prochiantz, A., "Getting hydrophilic compounds into cells: lessons from homeopeptides," Curr. Opin. Neurobiol. 6:629-634, Current Biology, Ltd. (1996)
	AS	86	Prochiantz, A., "Peptide nucleic acid smugglers," Nat. Biotechnol. 16:819-820, Nature America Publishing (September 1998)
	AT	86	Rafferty, J.A., and Fletcher, H.L., "Sequence analysis of a family of highly repeated DNA units in <i>Stauroderus scalaris</i> (Orthoptera)" Intl. J. Genome Res. 1:1-16, World Scientific Publishing Company (1992)

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	AS	87	Randall, K., et al., "Accumulation of natural and synthetic betaines by a mammalian renal cell line," <i>Biochem. Cell Biol.</i> 74:283-287, National Research Council of Canada (1996)
	AT	87	Randall, K., et al., "Natural and synthetic betaines counter the effects of high NaCl and urea concentrations," <i>Biochim. Biophys. Acta</i> 1291:189-194, Elsevier Science B.V. (1996)

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1635

U.S. PATENT DOCUMENTS

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	AL						Yes No
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

B7D	AR	88	Rees, W.A., et al., "Betaine Can Eliminate the Base Pair Composition Dependence of DNA Melting," <i>Biochemistry</i> 32:137-144, American Chemical Society (1993)
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EXAMINER

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B7D	AR	89	Shepard, A.R., and Rae, J.L., "Magnetic bead capture of cDNAs from double-stranded plasmid cDNA libraries," <i>Nucleic Acids Res.</i> 25:3183-3185, Oxford University Press (August 1997)
I	AS	89	Bioactive Peptides, 1993 Sigma Chemical Company Catalogue, St. Louis, MO, pp. 1028-1034, Sigma Chemical Company (1993)
I	AT	89	Soltis, D.A., and Skalka, A.M., "The α and β chains of avian retrovirus reverse transcriptase independently expressed in <i>Escherichia coli</i> : Characterization of enzymatic activities," <i>Proc. Natl. Acad. Sci. USA</i> 85:3372-3376, National Academy Press (1988)

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b2p I	AR	90	Stopeck, A.T., et al., "Phase I Study of Direct Gene Transfer of an Allogeneic Histocompatibility Antigen, HLA-B7, in Patients With Metastatic Melanoma," J. Clin. Oncol. 15:341-349, American Society of Clinical Oncology (January 1997)
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	AT	90	Tang, D-c., et al., "Genetic immunization is a simple method for eliciting an immune response," Nature 356:152-154, Nature Publishing Group (1992)

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

B7D	AR	91	Thompson, L., "A Shot in the Arm for Vaccine Problems," Washington Post, p. A03 (June 7, 1993)
	AS	91	Uhlmann, E., and Peyman, A., "Antisense Oligonucleotides: A New Therapeutic Principle," Chem. Rev. 90:544-584, American Chemical Society (1990).
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FORM PTO-1449 <u>EIGHTH SUPPLEMENTAL</u> <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0942.4650001/RWE/THN	APPLICATION NO. 09/438,365
APPLICANT Chu et al.		
FILING DATE November 12, 1999		GROUP 1635

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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
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	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
BJP	AR	92	Urdea, M.S., "Branched DNA Signal Amplification," <i>Bio/Technology</i> 12:926-928, Nature Publishing Company (1994)
	AS	92	van der Krol, A.R., et al., "Modulation of Eukaryotic Gene Expression by Complementary RNA or DNA Sequences," <i>BioTechniques</i> 6:958-976, Eaton Publishing Company (1988)
L	AT	92	Varadaraj, K. and Skinner, D.M., "Denaturants or cosolvents improve the specificity of PCR amplification of a G+C-rich DNA using genetically engineered DNA polymerases," <i>Gene</i> 140:1-5, Elsevier Science B.V. (1994)

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BTD	AR	93	Voytik-Harbin, S.L., et al., "Identification of Extractable Growth Factors From Small Intestinal Submucosa," <i>J. Cell. Biochem.</i> 67:478-491, Wiley-Liss, Inc. (December 1997)
I	AS	93	Wagner, E., et al., "Transferrin-polycation-DNA complexes: The effect of polycations on the structure of the complex and DNA delivery to cells," <i>Proc. Natl. Acad. Sci. USA</i> 88:4255-4259, National Academy Press (1991)
I	AT	93	Wang, B., et al., "Gene inoculation generates immune responses against human immunodeficiency virus type 1," <i>Proc. Natl. Acad. Sci. USA</i> 90:4156-4160, National Academy Press (1993)

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

b20 I	AR	94	Weissensteiner, T., and Lanchbury, J.S., "Strategy for Controlling Preferential Amplification and Avoiding False Negatives in PCR Typing," <i>BioTechniques</i> 21:1102-1108, Eaton Publishing Company (1996)
	AS	94	Wen, W., et al., "Identification of a Signal for Rapid Export of Proteins from the Nucleus," <i>Cell</i> 82:463-473, Cell Press (1995)
	AT	94	Wickstrom, E.L., et al., "Human promyelocytic leukemia HL-60 cell proliferation and c-myc protein expression are inhibited by an antisense pentadecadeoxynucleotide targeted against c-myc mRNA," <i>Proc. Natl. Acad. Sci. USA</i> 85:1028-1032, National Academy Press (1988)

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	APPLICANT Chu et al.	
	FILING DATE November 12, 1999	GROUP 1635

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
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	AS	95	Woodford, K., et al., "The Use of K ⁺ -free buffers eliminates a common cause of premature chain termination in PCR and PCR sequencing," <i>Nucleic Acids Res.</i> 23:539, Oxford University Press (1995)
	AT	95	Zaitsev, S.V., et al., "H1 and HMG17 extracted from calf thymus nuclei are efficient DNA carriers in gene transfer," <i>Gene Ther.</i> 4:586-592, Stockton Press (June 1997)

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

B7D	AR	96	"Voyager" - The Power of Translocation," Expressions 6:6, Life Technologies, Inc. (February 1999)
I	AS	96	Dialog File 351, Accession No. 8899481, Derwent WPI English language abstract for WO 93/08130 A1 (Document AO12)
I	AT	96	Dialog File 351, Accession No. 10428036, Derwent WPI English language abstract for DE 44 11 588 C1 (Document AN14)

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370	AR	97	Dialog File 351, Accession No. 10524091, Derwent WPI English language abstract for DE 44 11 594 C1 (Document AP14)
I	AS	97	Dialog File 351, Accession No. 10655226, Derwent WPI English language abstract for WO 96/08723 A1 (Document AL15)
I	AT	97	Copy of co-pending U.S. Patent Application No. 09/266,935, filed March 12, 1999, inventors Li et al. (NOT PUBLISHED)

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	AN						Yes No
	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

B3D	AR	98	Copy of co-pending U.S. application 09/570,526, filed May 12, 2000, inventors Astatke et al. (NOT PUBLISHED)
L	AS	98	Copy of co-pending U.S. application 09/608,066, filed June 30, 2000, inventors Astatke et al. (NOT PUBLISHED)
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Sheet 1 of 1

Substitute for form 1449/PTO, based on PTO/SB/08A and 08B INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	09/438,365
	Filing Date	November 12, 1999
	First Named Inventor	Chu et al.
	Art Unit	1635
	Examiner Name	Epps, J.
	Attorney Docket Number	61-03

U.S. PATENT DOCUMENTS

Examiner Initial ¹	Cite No. ¹	Document Number (US-)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)

FOREIGN PATENT DOCUMENTS

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B30		WO04/083342	07/29/04	Dalby		
I		WO04/105697	12/09/04	Gebeyehu		

NON-PATENT LITERATURE DOCUMENTS

Examiner Initial ¹	Cite No. ¹	REFERENCE Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
B30		Asokan, A. and Cho, M.J. (2004), "Cytosolic Delivery of Macromolecules. 3. Synthesis and Characterization of Acid-Sensitive Bis-Detergents," <i>Bioconj. Chem.</i> 15:1166-1173.	
		Banerjee, R. et al. (1999), "Novel Series of Non-Glycerol-Based Cationic Transfection Lipids for Use in Liposomal Gene Delivery," <i>J. Med. Chem.</i> 42:4282-4299	
		Bennett, M.J. et al. (1997), "Cationic Lipid-Mediated Gene Delivery to Murine Lung: Correlation of Lipid Hydration with in Vivo Transfection Activity," <i>J. Med. Chem.</i> 40:4069-4078	
		Bergeron, R.J. et al. (1996), "Metabolically Programmed Polyamine Analogue Antidiarrheals," <i>J. Med. Chem.</i> 39:2461-2471	
		Mack, K.D. (Feb 1994), "Cationic lipid enhances in vitro receptor-mediated transfection," <i>Am. J. Med. Sci.</i> 307:138-143	
		Mazur, W. et al. (Feb 1993), "Direct Gene Transfer into the Coronary Arteries of Intact Animals via Infusion Balloon Catheters: Comparison of Canine and Procine Model Systems," <i>J. Am. Coll. Cardiol.</i> 21(2):186A	
		Singh, R.S. et al. (2002), "Anchor Dependency for Non-Glycerol Based Cationic Lipofectins: Mixed Bag of Regular and Anomalous Transfection Profiles," <i>Chem. Eur. J.</i> 8:900-909	
I		Trubetskoy, V.S. et al. (Jul 1992), "Cationic liposomes enhance targeted delivery and expression of exogenous DNA mediated by N-terminal modified poly(L-lysine)-antibody conjugate in mouse lung endothelial cells," <i>Biochim. Biophys. Acta</i> , 1131:311-313	

Examiner Signature		Date Considered	4/25/05
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²Applicant's unique citation designation number (optional).

²Applicant is to place a check mark here or "X" if English language Translation is attached.